

KANSAS CORPORATION COMMISSION  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
September 1998  
Form Must Be Typed

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

Operator: License # 30535  
Name: Hartman Oil Co., Inc  
Address: 12950 E 13th St. N  
City/State/Zip: Wichita, Ks. 67230-1457  
Purchaser: \_\_\_\_\_  
Operator Contact Person: Stan Mitchell  
Phone: ( 620 ) 277-2511  
Contractor: Name: H2 Drilling  
License: 33793  
Wellsite Geologist: Bob Bayer

Designate Type of Completion:

\_\_\_\_ New Well \_\_\_\_ Re-Entry \_\_\_\_ Workover  
\_\_\_\_ Oil \_\_\_\_ SWD \_\_\_\_ SIOW \_\_\_\_ Temp. Abd.  
\_\_\_\_ Gas \_\_\_\_ ENHR \_\_\_\_ SIGW  
☒ Dry \_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
\_\_\_\_ Deepening \_\_\_\_ Re-perf. \_\_\_\_ Conv. to Enhr./SWD  
\_\_\_\_ Plug Back \_\_\_\_ Plug Back Total Depth  
\_\_\_\_ Commingled \_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_ Dual Completion \_\_\_\_ Docket No. \_\_\_\_\_  
\_\_\_\_ Other (SWD or Enhr.?) \_\_\_\_ Docket No. \_\_\_\_\_

|                                   |                 |                                         |
|-----------------------------------|-----------------|-----------------------------------------|
| <u>11/27/06</u>                   | <u>12/02/06</u> | <u>12/02/06 ( P &amp; A )</u>           |
| Spud Date or<br>Recompletion Date | Date Reached TD | Completion Date or<br>Recompletion Date |

API No. 15 - 101-21959-10-10  
County: Lane  
\_\_\_\_ SE \_\_\_\_ SW \_\_\_\_ NW Sec. 32 Twp. 16 S. R. 27 ☐ East ☒ West  
2287' feet from N (circle one) Line of Section  
1050' feet from E (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:

(circle one) NE SE NW SW  
Lease Name: Waterson Well #: 1  
Field Name: wild cat

Producing Formation: L/KC - Marmanton  
Elevation: Ground: 2714' Kelly Bushing: 2724'  
Total Depth: 4600' Plug Back Total Depth: surface  
4700'  
Amount of Surface Pipe Set and Cemented at 331' Feet  
Multiple Stage Cementing Collar Used? ☐ Yes ☒ No  
If yes, show depth set \_\_\_\_\_ Feet  
If Alternate II completion, cement circulated from \_\_\_\_\_  
feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content 2550 ppm Fluid volume 8000 bbls  
Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name: \_\_\_\_\_  
Lease Name: \_\_\_\_\_ License No.: \_\_\_\_\_  
Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_ ☐ East ☐ West  
County: \_\_\_\_\_ Docket No.: \_\_\_\_\_

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

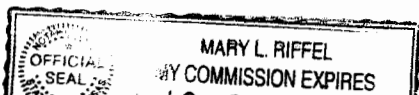
Signature: [Signature]  
Title: Production Superintendent Date: 12/05/06  
Subscribed and sworn to before me this 7<sup>th</sup> day of December,  
2006  
Notary Public: Mary L. Riffel  
Date Commission Expires: 1-13-2010

**KCC Office Use ONLY**

N Letter of Confidentiality Received  
If Denied, Yes ☐ Date: \_\_\_\_\_  
\_\_\_\_ Wireline Log Received  
\_\_\_\_ Geologist Report Received  
\_\_\_\_ UIC Distribution

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Side Two

Operator Name: Hartman Oil Co., Inc Lease Name: Waterson Well #: 1  
 Sec. 32 Twp. 16 S. R. 27 ☐ East ☒ West County: Lane

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach copy of all Electric Wireline Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken ☐ Yes ☒ No  
 (Attach Additional Sheets)

Samples Sent to Geological Survey ☒ Yes ☐ No

Cores Taken ☐ Yes ☒ No

Electric Log Run ☐ Yes ☒ No  
 (Submit Copy)

List All E. Logs Run:

**No Logs Ran**

☐ Log Formation (Top), Depth and Datum ☒ Sample

| Name          | Top   | Datum  |
|---------------|-------|--------|
| Heebner Shale | 3968' | -1244' |
| Lansing       | 4003' | -1279' |
| Stark Shale   | 4260' | -1536' |
| Marmaton      | 4349' | -1615' |
| Pawnee        | 4460' | -1736' |
| Fort Scott    | 4510' | -1786' |
| Mississippi   | 4611' | -1887' |
| RTD           | 4600' | 4700'  |

### CASING RECORD ☒ New ☐ Used

Report all strings set-conductor, surface, intermediate, production, etc.

| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
|-------------------|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Surface           | 12-3/4'           | 8-5/8"                    | 23#               | 331'          | common         | 225          | w/ 2% Gel + 3% CC          |
|                   |                   |                           |                   |               |                |              |                            |
|                   |                   |                           |                   |               |                |              |                            |

### ADDITIONAL CEMENTING / SQUEEZE RECORD

| Purpose:           | Depth Top Bottom | Type of Cement | #Sacks Used | Type and Percent Additives |
|--------------------|------------------|----------------|-------------|----------------------------|
| ___ Perforate      |                  |                |             |                            |
| ___ Protect Casing |                  |                |             |                            |
| ___ Plug Back TD   |                  |                |             |                            |
| ___ Plug Off Zone  |                  |                |             |                            |

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br>(Amount and Kind of Material Used) | Depth |
|----------------|-------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------|
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |
|                |                                                                                           |                                                                                   |       |

| TUBING RECORD | Size | Set At | Packer At | Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
|---------------|------|--------|-----------|-------------------------------------------------------------------------------|
| N/A           |      |        |           |                                                                               |

| Date of First, Resumerd Production, SWD or Enhr. | Producing Method                                                                                                                             | Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|--------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-----------|---------|-------------|---------------|---------|
|                                                  | <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) |                                   |           |         |             |               |         |

Disposition of Gas

METHOD OF COMPLETION

Production Interval

☐ Vented ☐ Sold ☐ Used on Lease  
 (If vented, Submit ACO-18.)

☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled  
☒ Other (Specify) Plugged AS PER KCC 12/02/06

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